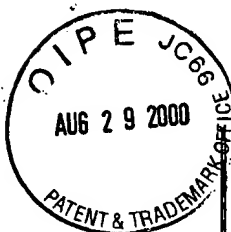


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PAGE 02



I hereby certify that this correspondence is being sent by the U.S. Postal Service via U.S. Mail to:
Assistant Commissioner for Patents, Washington, D.C. 20231, on August 23, 2000

LAW OFFICES OF JONATHAN ALAN QUINE

By Tracie Brooks
Tracie Brooks

Attorney Docket No. 14-003100US
Client Ref. No. GETR-031PA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Joseph A. Monforte, et al.

Examiner: J. Tung

Application No.: 09/139,386
Filed: August 25, 1998

Art Unit: 1656

For: PRIMERS USEFUL FOR SIZING
NUCLEIC ACIDS (as amended)

REVOCATION AND SUBSTITUTION OF
POWER OF ATTORNEY UNDER 37 CFR
§ 1.36

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR § 1.36, GeneTrace Systems, Inc. revokes all previous powers of attorney and hereby appoints the attorneys and agents at Customer Number 22798 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. The attorneys and agents at Customer Number 22798 include:

Jonathan Alan Quine, Ph.D., Reg. No. 41,261; Stacy Landry, Ph.D., Reg. No. 42,779; Christopher C. Sappenfield, Reg. No. 45,073; Gwynedd Warren, Reg. No. 45,200; and Angela P. Horne, Reg. No. 41,079.

Please direct all future correspondence regarding the subject application to
CUSTOMER NUMBER 22798, that is:

LAW OFFICES OF JONATHAN ALAN QUINE
P.O. BOX 458
Alameda, CA 94501
(510) 337-7871/Fax (510) 337-7877

GeneTrace Systems, Inc. is the Assignee of record of the entire interest (Certificate under 37 CFR 3.73(b) is enclosed)

Date: 8/23/00

GeneTrace Systems, Inc.

By: [Signature]
Name:
Title:

Joseph Monforte
Chief Scientific Officer



PTO/80/96 (2-98)
Approved for use through 09/30/2000. OMB 0651-0031

STATEMENT UNDER 37 CFR 3.73(b)

Applicant: Joseph A. Monforte, et al.

Application No.: 09/139,386

Filed: August 25, 1998

Entitled: PRIMERS USEFUL FOR SIZING NUCLEIC ACIDS (as amended)

GeneTrace Systems, Inc.

, a

corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.
2. From: _____ To: _____
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☐ Additional documents in the chain of title are listed on a supplemental sheet

☒ Copies of assignments or other documents in the chain of title are attached.

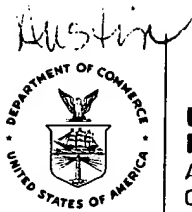
The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

8/23/00
Date

[Signature]
Signature

Joseph Monforte
Typed or printed name

Chief Scientific Officer
Title



STALIVE

UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 22, 1999

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100918575A

ARNOLD WHITE & DURKEE
J. NICOLE WHITE STAFFORD
P.O. BOX 4433
HOUSTON, TEXAS 77210

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/11/1998

REEL/FRAME: 9623/0096
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
MONFORTE, JOSEPH ALBERT

DOC DATE: 11/20/1998

ASSIGNOR:
BECKER, CHRISTOPHER HANK

DOC DATE: 11/20/1998

ASSIGNOR:
SHALER, THOMAS ANDREW

DOC DATE: 11/20/1998

ASSIGNOR:
POLLART, DANIEL JOSEPH

DOC DATE: 11/20/1998

ASSIGNEE:
GENETRACE SYSTEMS, INC.
1404 HARBOR BAY PKWY.
ALAMEDA, CALIFORNIA 94502

SERIAL NUMBER: 09139386 *GETR 031*
PATENT NUMBER:

FILING DATE: 08/25/1998
ISSUE DATE:

DOCKETED ☐ UPDATED ☐
Previously ☐ Not Required ☒
Appl. Info ☐
Reg./Grant Info ☐
Action Required ☐
Date Due/Done: *LM*
By: *LM* Checked *LM*

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MAR 30 1999
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9623/0096 PAGE 2

TONYA LEE, EXAMINER
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U.S. Department of Commerce

OMB No. 0651-0011 (exp. 4/94)

PATENTS ONLY

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Joseph Albert Monforte, Christopher Hank Becker,
Thomas Andrew Shaler and Daniel Joseph PollartAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: November 20, 1998

2. Name and address of receiving party(ies):

Name: Genetrace Systems, Inc.

Internal Address:

Street Address: 1404 Harbor Bay Pkwy.

City: Alameda State: CA Zip: 94502

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):

09/139,386

B. Patent No.(s):

AUG 30

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: J. Nicole White Stafford
Arnold White & Durkee
P.O. Box 4433

City: Houston State: Texas Zip: 77210

6. Total number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41) ————— \$ 40.00☒ Enclosed☒ Authorized to be charged to deposit account

if check insufficient or inadvertently omitted

8. Deposit account number: 01-2508/GETR:031/STA

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

J. Nicole White Stafford

Name of Person Signing, Reg. No. P-43,929

Signature

11 24 98

Date

Total number of pages including cover sheet, attachments and documents: 4

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CERTIFICATE OF MAILING
37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Office of Public Records, Crystal Gateway 4, Room 335, Washington, DC 20231, on the date below:

24-Nov-98

Date

J. Nicole White Stafford

PATENT
FILE NO. GETR:031

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to GENETRACE SYSTEMS INC. (the "Assignee"), having a place of business at 1404 Harbor Bay Parkway, Alameda, California 94502, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 09/139,386 which has been filed on August 25, 1998 and is entitled "OLIGONUCLEOTIDE SIZING USING CLEAVABLE PRIMERS", such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

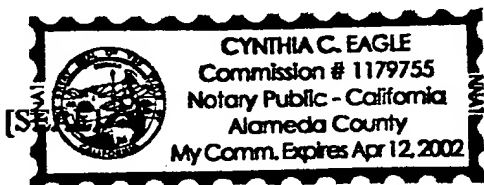
TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: [Signature]
Name: Joseph Albert Monforte

Date: 11/20/98

STATE OF CALIFORNIA)
COUNTY OF Alameda) ss.

BEFORE ME, the undersigned authority, on this 20 day of NOVEMBER 1998, personally appeared Joseph Albert Monforte, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



[Signature]
Notary or Consular Officer

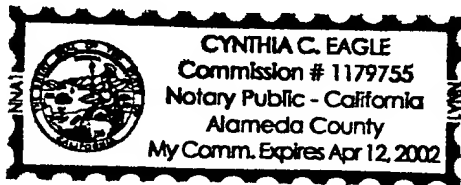
Signature: Christopher Hank Becker Date: 11/20/98
Name: Christopher Hank Becker

STATE OF CALIFORNIA)
COUNTY OF Alameda) ss.

BEFORE ME, the undersigned authority, on this 20 day of NOVEMBER 1998, personally appeared Christopher Hank Becker, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]

[Signature]
Notary or Consular Officer



Signature: _____

Name: Thomas Andrew Shaler

Date: _____

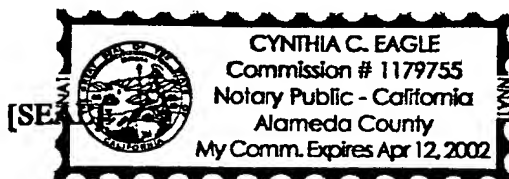
11/20/98

STATE OF CALIFORNIA)

COUNTY OF Alameda)

ss.

BEFORE ME, the undersigned authority, on this 20 day of NOVEMBER 1998, personally appeared Thomas Andrew Shaler, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Notary or Consular Officer

Cynthia C. Eagle

Signature: _____

Name: Daniel Joseph Pollart

Date: _____

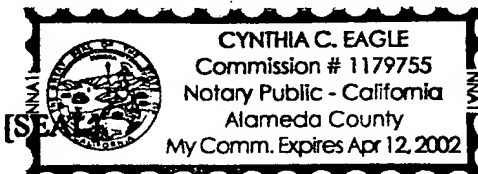
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STATE OF CALIFORNIA)

COUNTY OF Alameda)

ss.

BEFORE ME, the undersigned authority, on this 20 day of NOVEMBER 1998, personally appeared Daniel Joseph Pollart, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.



Notary or Consular Officer

Cynthia C. Eagle

ARNOLD, WHITE & DURKEE

P. O. Box 4433
Houston, Texas 77210

2001 Jefferson Davis Hwy., Ste. 401
Arlington, Virginia 22202